PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

TIONI SIE INTERNATIONAL SEARCHING AUTHORITY				
To: PAUL FENSTER FENSTER & COMPANY, INTELLECTUAL PROPERTY LTD. P.O. BOX 10256 PETACH TIKVA, ISRAEL 49002	PCT NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION			
	(PCT Rule 44.1)			
	Data of mailing			
[Andinova of Cl. C	(day/month/year) 1 6 OCT 2006			
Applicant's or agent's file reference 015/05198	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US06/17281	International filing date (day/month/year) 04 May 2006 (04.05.2006)			
Applicant	(day/monaryear) 04 May 2006 (04.03.2006)			
IMPULSE DYNAMICS NV				
The applicant is hereby notified that the international scarc have been established and are transmitted herewith.	h report and the written opinion of the International Searching Authority			
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claim	ns of the international application (see Rule 46):			
	ormally two months from the date of transmittal of the international			
Where? Directly to the International Bureau of WIPO, 1211 Geneva 20, Switzerland, Facsimile No.:				
For more detailed instructions, see the notes on the acc				
2. The applicant is hereby notified that no international search	report will be established and that the declaration under			
Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. 3. With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:				
the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's				
request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.				
4. Reminders				
Bureau. If the applicant wishes to avoid or postpone publication,	the international application will be published by the International a notice of withdrawal of the international application, or of the cules 90bis.1 and 90bis.3, respectively, before the completion of the			
The applicant may submit comments on an informal basis on th International Bureau. The International Bureau will send a copy of preliminary examination report has been or is to be established. The before the expiration of 30 months from the priority date.	e written opinion of the International Searching Authority to the if such comments to all designated Offices unless an international ness comments would also be made available to the public but not			
Within 19 months from the priority date, but only in respect of examination must be filed if the applicant wishes to postpone the e (in some Offices even later); otherwise, the applicant must, within entry into the national phase before those designated Offices.	ntry into the national phase until 30 months from the priority date			
In respect of other designated Offices, the time limit of 30 months (
See the Annex to Form PCT/IB/301 and, for details about the appli Volume II, National Chapters and the WIPO Internet site.	cable time limits, Office by Office, see the PCT Applicant's Guide,			
Name and mailing address of the ISA/ US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450	Authorized Robert Pezzuto			
F.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Telephone No. (571) 272-3700			
orm PCT/ISA/220 (January 2004)	ECEIVED (See notes on accompanying sheet)			

RECEIVED

Docketed By 1/2 5198

25 OCT 2006

To: U.E. B. Co.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 015/05198	FOR FURTHER see ACTION as well as, whe	Form PCT/ISA/220 ere applicable, item 5 below
International application No. PCT/US06/17281	International filing date (day/month/year) 04 May 2006 (04.05.2006)	(Earliest) Priority Date (day/month/year) 09 December 2005 (09.12.2005)
Applicant IMPULSE DYNAMICS NV		os december 2003 (05.12.2003)
This international search report consists It is also accompanied Basis of the Report a. With regard to the language, the the international a translation of the of a translation furth b. With regard to any nucleotic	I by a copy of each prior art document cited in international search was carried out on the basis application in the language in which it was filed	n this report. s of: , which is the language (Rules 12.3(a) and 23.1(b))
3. Unity of invention is lacking 4. With regard to the title, the text is approved as submit the text has been established		
may, within one month from the	ed by the applicant. according to Rule 38.2(b), by this Authority as it be date of mailing of this international search rep	t appears in Box No. IV. The applicant port, submit comments to this Authority.
as suggested by the ap	thority, because the applicant failed to suggest a hority, because this figure better characterizes the	=

INTERNATIONAL SEARCH REPORT

...duonavapplicanon No. ...

PCT/US06/17281

A. CLAS IPC:	SSIFICATION OF SUBJECT MATTER A61N 1/00(2006.01),1/32(2006.01);C12N 13/00((2006.01),5,	/00 (2006.01)	**************************************
USPC: 607/2,3,50,115;604/20;435/173.1,375 According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELI	DS SEARCHED			
Minimum do	cumentation searched (classification system followed l 07/2,3,50,115;604/20;435/173.1,375	by classifica	tion symbols)	
Documentation	on searched other than minimum documentation to the	e extent that	such documents are included in	the fields searched
	ta base consulted during the international search (name	e of data bas	e and, where practicable, search	n terms used)
C. DOC	JMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a	appropriate, o	of the relevant passages	Relevant to claim No.
Y	US 6,810,286 (DONOVAN et al) 26 Oct. 2004 (26.10.2004), (col. 3, line 29 - col. 12, line 1-173 15; fig. 1)			
Y	US 2004/0158289 (GIROUARD et af) 12 Aug. 2004 (12.08.2004), entire document 1-173			1-173
Y	US 2003/0100889 (DUVERGER et al) 29 May 2003 (29.05.2003), (pg. 2, [0025] - pg. 6, [0069])			
Y	US 5,962,246 (LADNER et al) 5 Oct. 2004 (05.10.1999), (col. 12, line 49 - col. 13, line 26) 96-101			
Y	US 2004/0106954 (WHITEHURST et al) 3 Jun 2004 [0165])	4 (03.06.200	4), (pg. 2, [0033] - pg. 14,	I-173
Further	documents are listed in the continuation of Box C.		See patent family annex.	
* S ₁	pecial categories of cited documents:	"T"	later document published after the intern	
"A" document particular	defining the general state of the art which is not considered to be of relevance		date and not in conflict with the applicat principle or theory underlying the inventi	ion
"E" earlier app	lication or patent published on or after the international filing date	"X"	document of particular relevance; the cla considered novel or cannot be considered when the document is taken alone	
establish t specified)	which may throw doubts on priority claim(s) or which is cited to he publication date of another citation or other special reason (as	"Y"	document of particular relevance; the cla considered to involve an inventive step with one or more other such documents,	when the document is combined
"O" document	referring to an oral disclosure, use, exhibition or other means		obvious to a person skilled in the art	
priority da		"&"	document member of the same patent far	míly
Date of the ac	tual completion of the international search	Date of ma	niling of the international search ・ へって つれれら	report
	06 (11.08.2006)	1		
Mai	iling address of the ISA/US Stop PCT, Attn: ISA/US missioner for Patents	Robert Pe	2170	
P.O. Alex	Box 1450 andria, Virginia 22313-1450	Telephone	No. (571) 272-3700	Mofin
racsimile No.	(571) 273-3201	l		

PATENT COOPERATION TREATY

INTERNATIONAL SEARCHING AUTHORITY			_		
To: PAUL FENSTER FENSTER & COMPANY, INTELLECTUAL PROPERTY LTD. P.O. BOX 10256 PETACH TIKVA, ISRAEL 49002		PCT WRITTEN OPINION OF THE			
, , , , , , , , , , , , , , , , , , , ,		INTERNATI	ONAL SEARCHING AUTHORITY		
			(PCT Rule 43bis.1)		
	[]	Date of mailing (day/month/year)	1 6 OCT 2006		
Applicant's or agent's file reference		FOR FURTHER			
015/05198			See paragraph 2 below		
International application No. Interna	ational filing date ((day/month/year)	Priority date (day/month/year)		
PCT/US06/17281 04 May	y 2006 (04.05.200	6)	09 December 2005 (09.12.2005)		
International Patent Classification (IPC) or both n	ational classification	on and IPC	The state of the s		
IPC: A61N 1/00(2006.01),1/32(2006.01);C USPC: 607/2,3,50,115;604/20;435/173.1,375	12N 13/00(2006.0	01),5/00(2006.01)			
Applicant					
IMPULSE DYNAMICS NV					
1. This opinion contains indications relating to t	he following items	s :			
Box No. I Basis of the opinion					
Box No. II Priority					
Box No. III Non-establishment o	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
Box No. IV Lack of unity of invi	ention				
Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
Box No. VI Certain documents c	ited				
Box No. VII Certain defects in the	Box No. VII Certain defects in the international application				
Box No. VIII Certain observations	on the internation	al application			
2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered.					
If this opinion is, as provided above, consider IPEA a written reply together, where appropriate of Form PCT/ISA/220 or before the expiration of Form PCT/ISA/220.	riate, with amendm	ients, before the exp	piration of 3 months from the date of mailing		
For further options, see Form PCT/ISA/220.					
3. For further details, see notes to Form PCT/ISA	V220.				
Name and mailing address of the ISA/US	Date of completi	on of this opinion	Authorized		
Mail Stop PCT, Attn: ISA/US			Robert Pezzu		
P.O. Box 1450			Telephone No. (571) 272-3700		
Alexandria, Virginia 22313-1430 Telephone No. (571) 272-3700 g					

Facsimile No. (571) 273-3201
Form PCT/ISA/237 (cover sheet) (April 2005)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International appli	•	310		
PCT/US06/1728;				

Box No. 1 Basis of this opinion	
1. With regard to the language, this opinion has been established on the basis of:	
the international application in the language in which it was filed	
a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).	
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:	i
a. type of material	
a sequence listing	
table(s) related to the sequence listing	
b. format of material	
on paper	
in electronic form	
c. time of filing/furnishing	
contained in the international application as filed.	
filed together with the international application in electronic form.	
furnished subsequently to this Authority for the purposes of search.	
Turnished subsequently to this Authority for the purposes of search.	
In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.	
4. Additional comments:	

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US06/172

Box No. V Reasoned statement under Rule applicability; citations and expla	43 bis.1(a)(i) with regard to novelty, inv nations supporting such statement	entive step or industrial
1. Statement		
Novelty (N)	Claims <u>1-173</u>	YES
	Claims NONE	
Inventive step (IS)	Claims 1-173	YES
	Claims NONE	NO
Industrial applicability (IA)	Claims 1-173	
	Claims NONE	NO
6,810,286), Girouard et al. (U.S. Patent Pub. 20 Donovan (col. 3, line 29 - col. 12, line [0033] - pg. 14, [0165]) disclose a system, meth desired modification of tissue behavior for at lea selecting an electric field having an expected eff field to said tissue. Claims 1-173 an inventive step under 1 2003/0100889) and Ladner et al. (U.S. Patent N	15; fig. 1), Girouard (pg. 5, [0072] - pg. 19 od and device for modifying tissue behavious tone treatment of a disease and assessing fect of modifying protein activity of at least PCT Article 33(3) as being obvious over 10 o. 5,962,246). (a) and Ladner (col. 12, line 49 - col. 13, ling: determining a desired modification or	nt No. 2004/0106954). 9, [0923]) and Whitehurst (pg. 2, for, comprising: determining a g tissue response to stimulation; st one protein; and applying said Duverger et al. (U.S. Patent Pub. ne 26) disclose a method, system